GSM 850_Ant. C

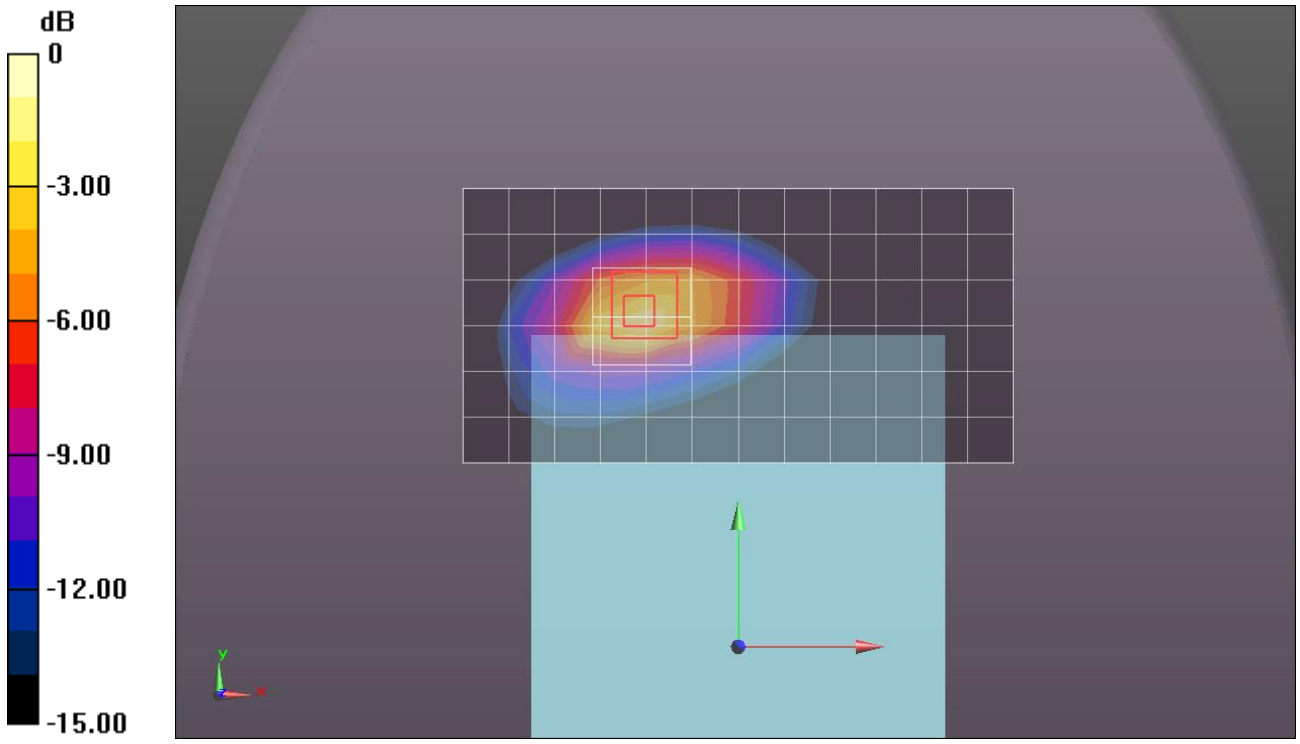
Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.015 S/m; ε_r = 53.756; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2015
- Probe: EX3DV4 - SN3751; ConvF(8.7, 8.7, 8.7); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/GPRS 2 Slots_ch 251/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 W/kg

Rear/GPRS 2 Slots_ch 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.00 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.406 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.28 W/kg



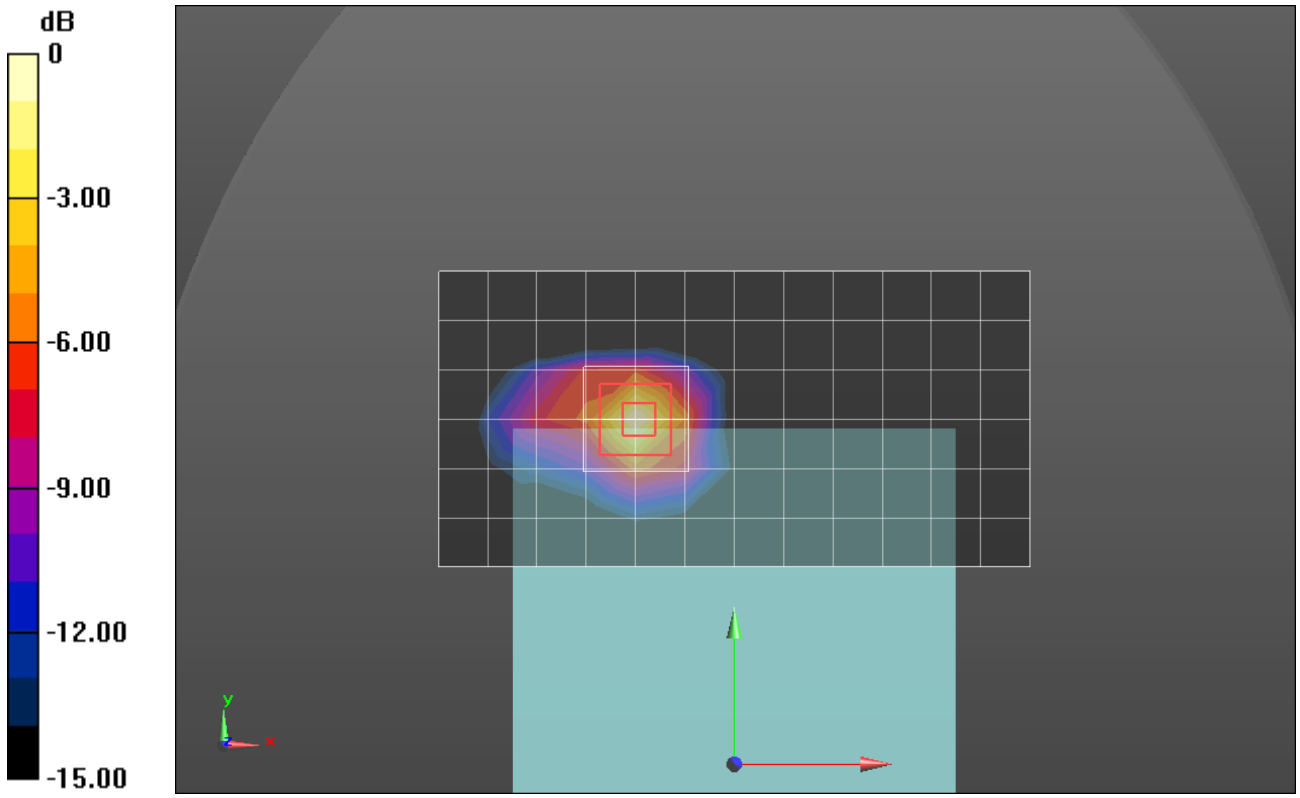
0 dB = 1.28 W/kg = 1.07 dBW/kg

GSM 1900_Ant. C

Frequency: 1909.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1910 MHz; σ = 1.584 S/m; ε_r = 51.975; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3686; ConvF(7.2, 7.2, 7.2); Calibrated: 8/28/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/GPRS 2 Slots_ch 810/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.82 W/kg

Rear/GPRS 2 Slots_ch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.419 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.518 W/kg
Maximum value of SAR (measured) = 1.64 W/kg



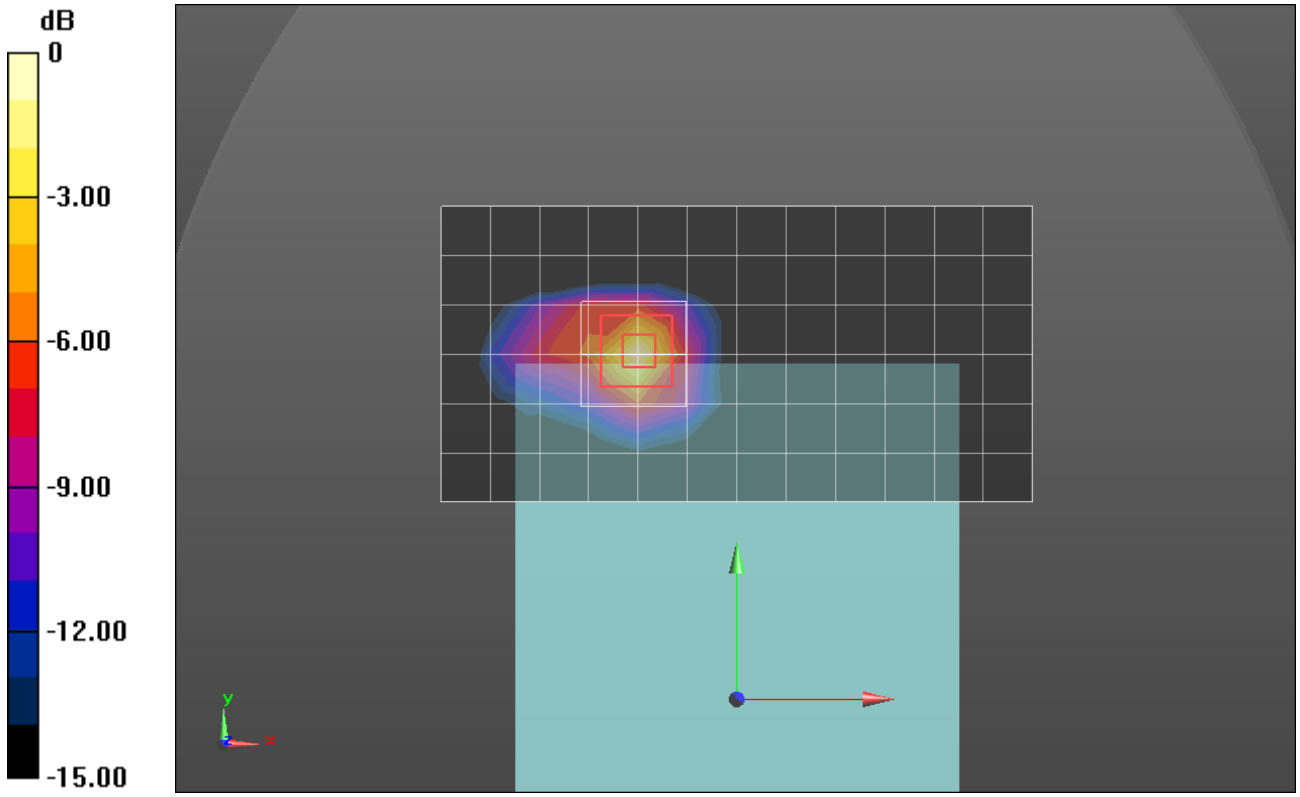
0 dB = 1.64 W/kg = 2.15 dBW/kg

W-CDMA Band II_Ant. C

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.554 S/m; ε_r = 52.068; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3686; ConvF(7.2, 7.2, 7.2); Calibrated: 8/28/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/Rel 99 RMC_ch. 9400/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.71 W/kg

Rear/Rel 99 RMC_ch. 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.952 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.525 W/kg
Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

W-CDMA Band IV_Ant. D

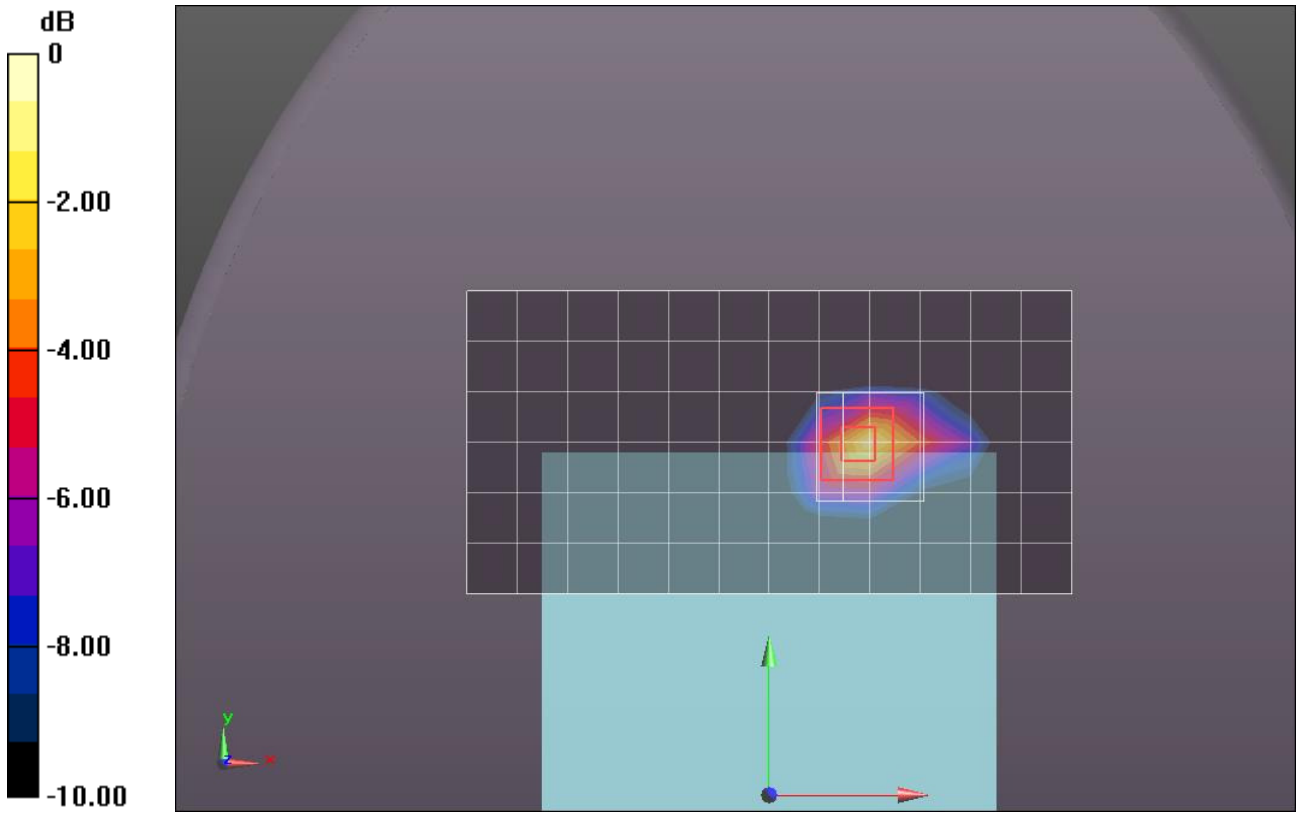
Frequency: 1712.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.479 S/m; ε_r = 51.392; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3936; ConvF(7.64, 7.64, 7.64); Calibrated: 7/21/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/Rel 99 RMC_ch. 1312/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.33 W/kg

Rear/Rel 99 RMC_ch. 1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.236 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.542 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.54 W/kg



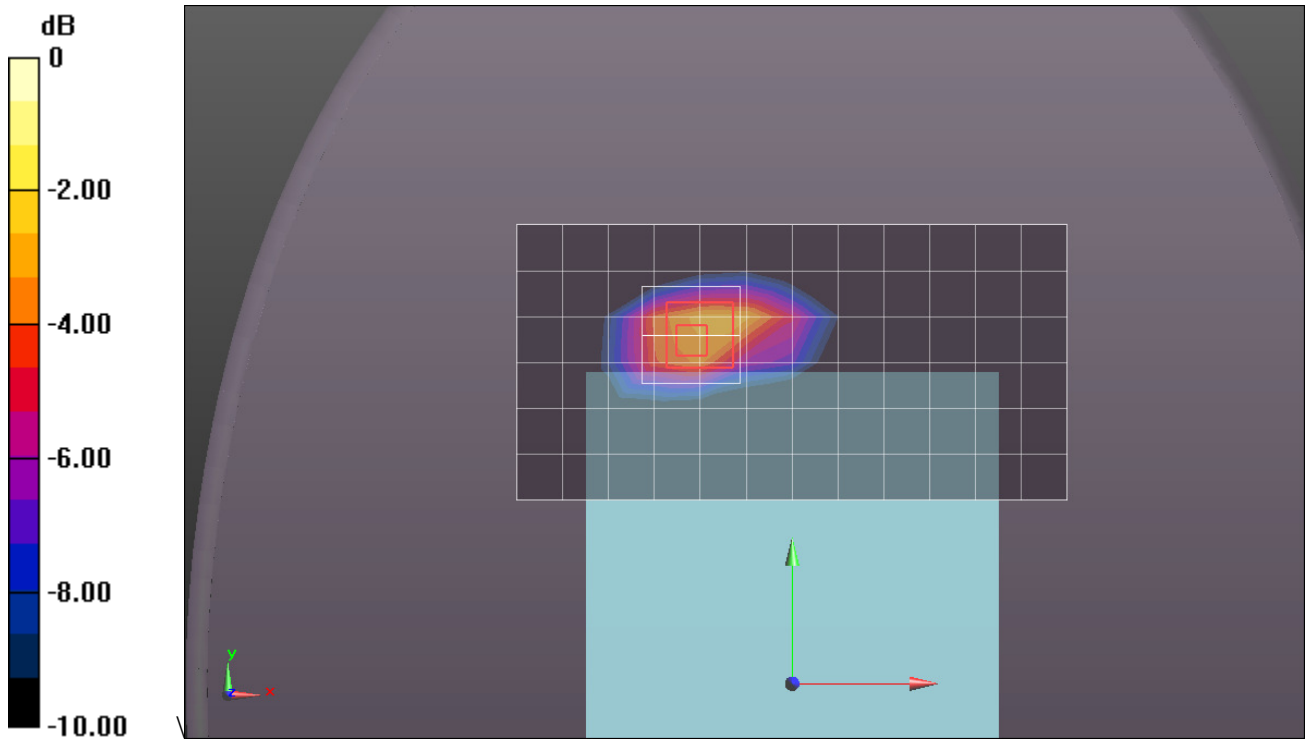
0 dB = 1.54 W/kg = 1.88 dBW/kg

W-CDMA Band V_Ant. C

Frequency: 826.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 826.4 MHz; σ = 1.005 S/m; ε_r = 53.479; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2015
- Probe: EX3DV4 - SN3751; ConvF(8.7, 8.7, 8.7); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/Rel 99 RMC_ch. 4132/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.854 W/kg

Rear/Rel 99 RMC_ch. 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.33 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.72 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.521 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.45 W/kg



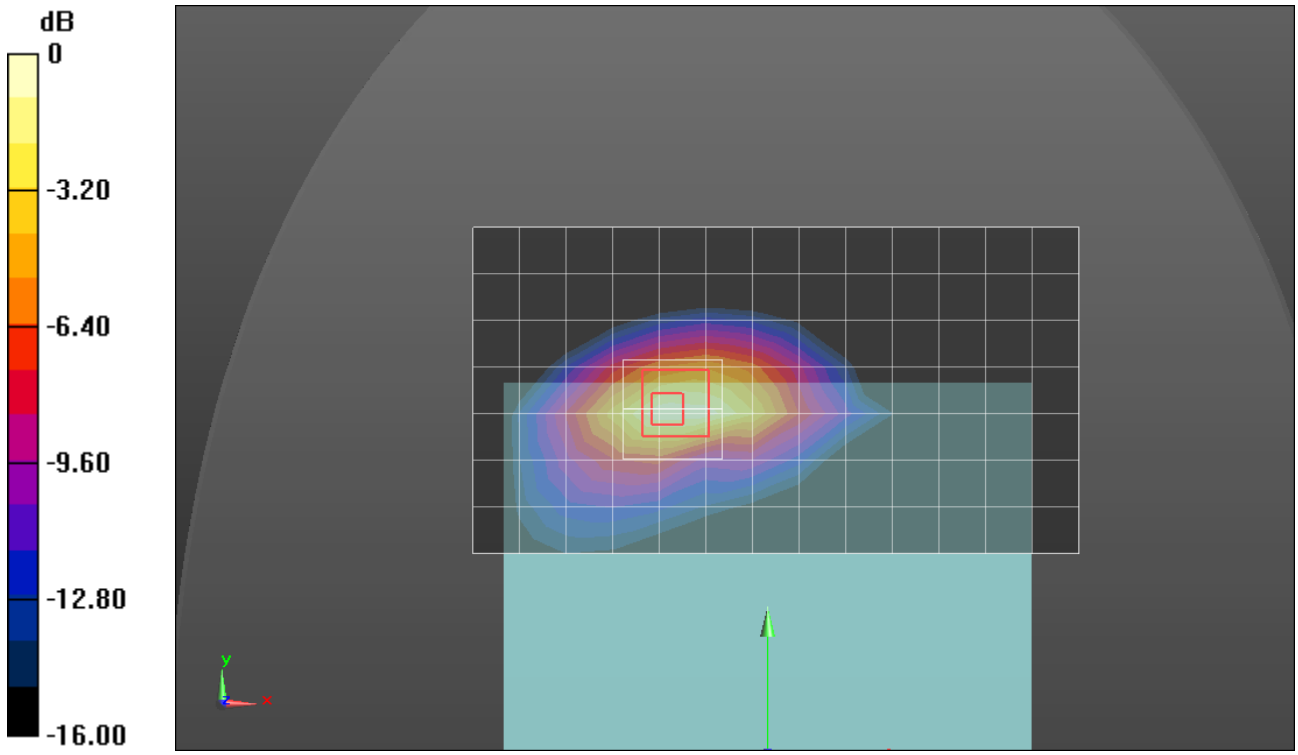
0 dB = 1.45 W/kg = 1.61 dBW/kg

CDMA BC0_Ant. C

Frequency: 824.7 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 825 MHz; σ = 0.969 S/m; ε_r = 53.288; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/5/2015
- Probe: EX3DV4 - SN7335; ConvF(9.51, 9.51, 9.51); Calibrated: 3/13/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Rear/1xRTT_RC3 SO32_Ch. 1013/Area Scan (14x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.25 W/kg

Rear/1xRTT_RC3 SO32_Ch. 1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.645 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.458 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

CDMA BC1_Ant. D

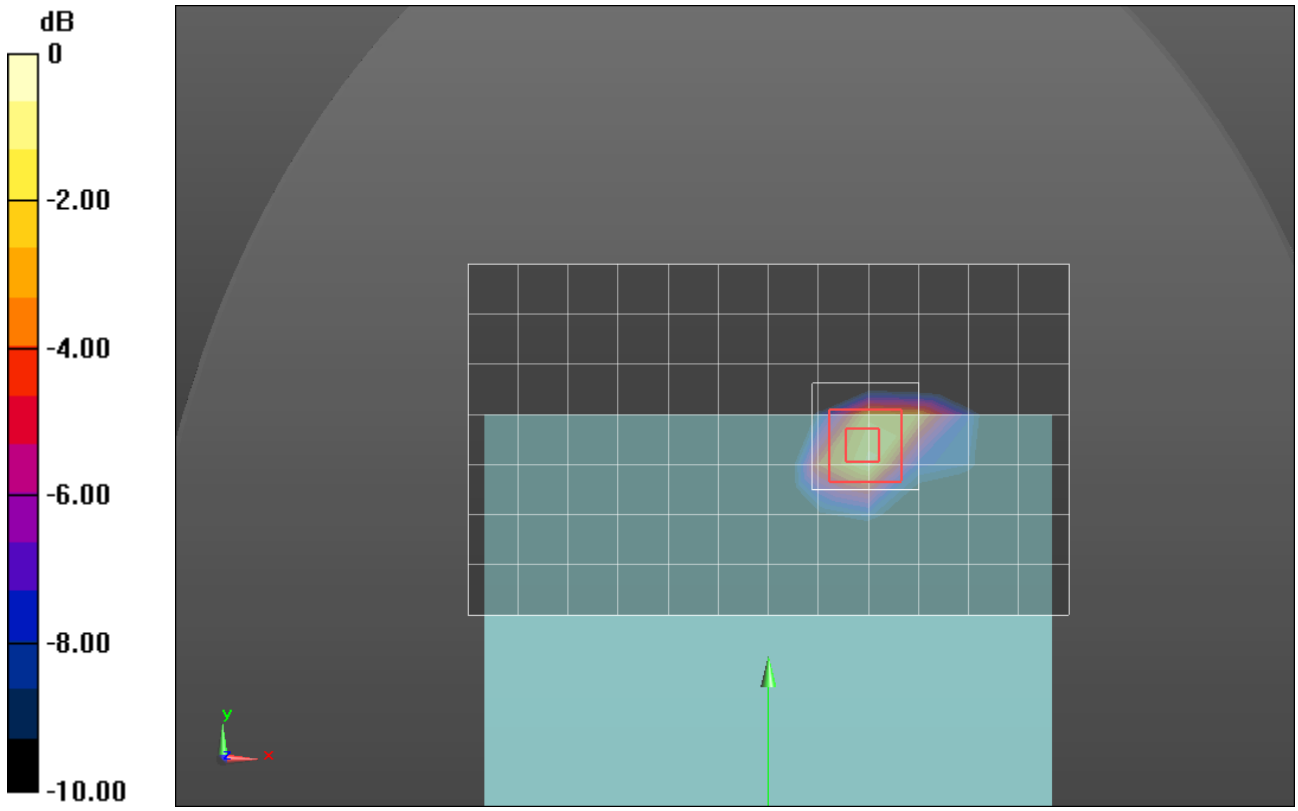
Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.587 S/m; ε_r = 51.51; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3991; ConvF(7.73, 7.73, 7.73); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

Rear/1xRTT_RC3 SO32_Ch. 1175/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg

Rear/1xRTT_RC3 SO32_Ch. 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.992 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.420 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

CDMA BC10_Ant. C

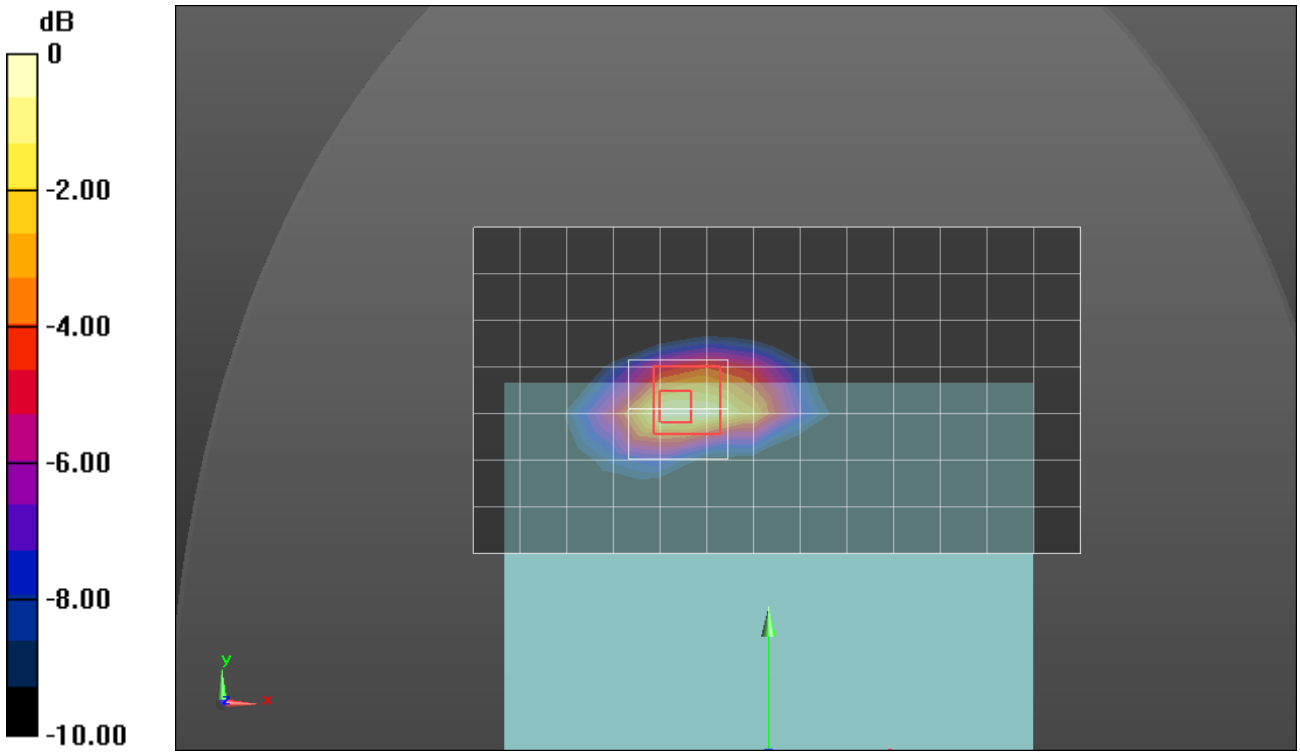
Frequency: 817.9 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 817.9 MHz; σ = 0.962 S/m; ε_r = 53.368; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/5/2015
- Probe: EX3DV4 - SN7335; ConvF(9.51, 9.51, 9.51); Calibrated: 3/13/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Rear/1xRTT_RC3 SO32_Ch. 476/Area Scan (14x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.23 W/kg

Rear/1xRTT_RC3 SO32_Ch. 476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.780 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.455 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

CDMA BC15_Ant. C

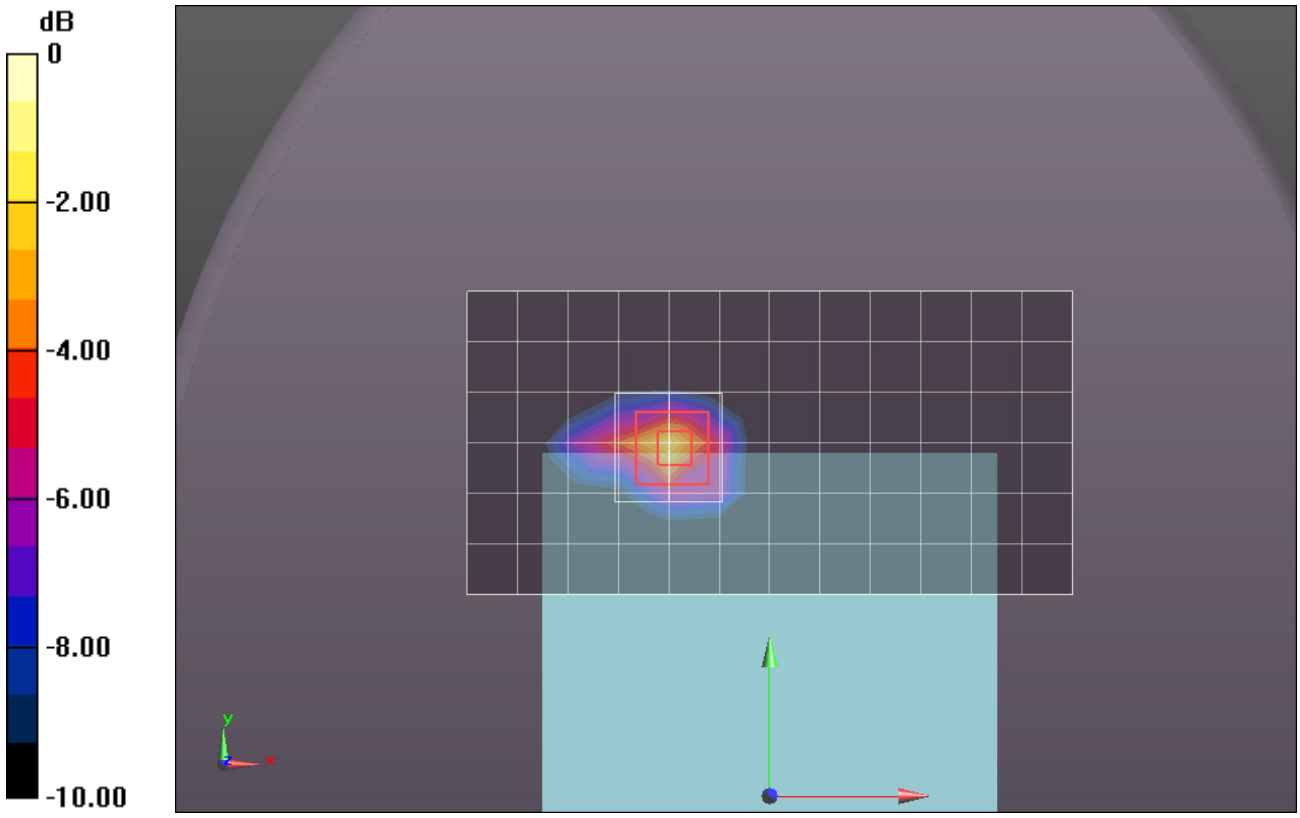
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.493 S/m; ε_r = 51.37; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3936; ConvF(7.64, 7.64, 7.64); Calibrated: 7/21/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/1xRTT_RC3 SO32_ch. 450/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.34 W/kg

Rear/1xRTT_RC3 SO32_ch. 450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.749 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.532 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.64 W/kg



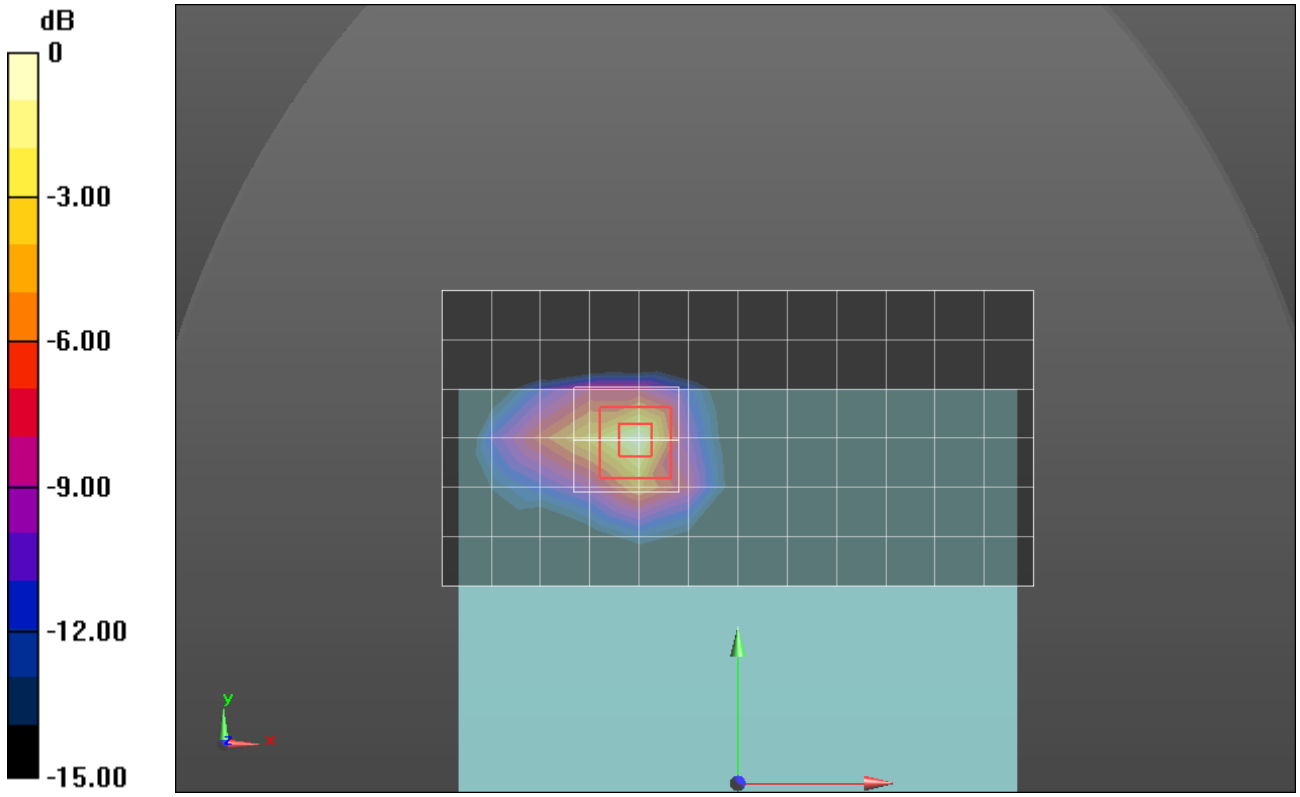
0 dB = 1.64 W/kg = 2.15 dBW/kg

LTE Band 2_Ant. C

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.554 S/m; ε_r = 52.068; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3686; ConvF(7.2, 7.2, 7.2); Calibrated: 8/28/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/QPSK_RB 100/0_ch. 18900/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.48 W/kg

Rear/QPSK_RB 100/0_ch. 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.094 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.484 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

LTE Band 4 Ant C

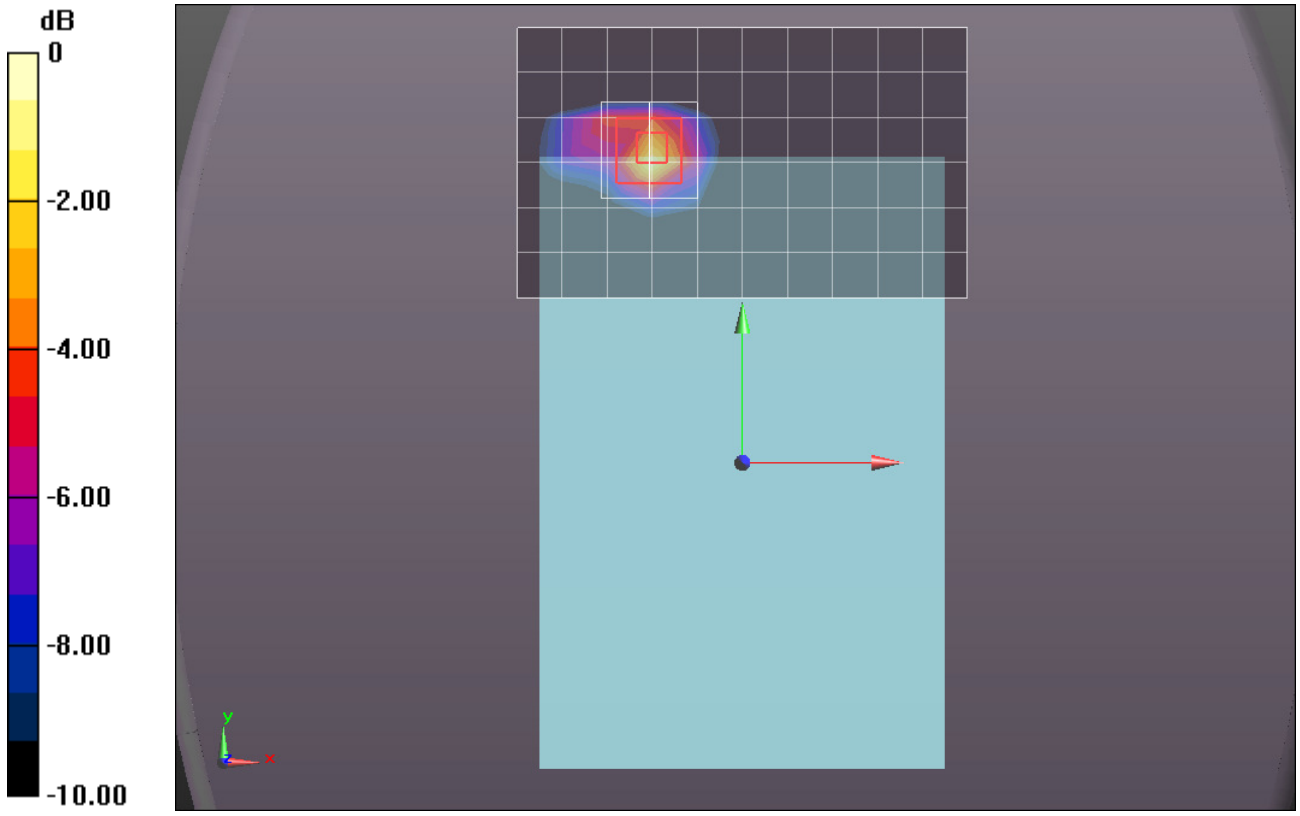
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.48 S/m; ε_r = 50.861; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3936; ConvF(7.64, 7.64, 7.64); Calibrated: 7/21/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/QPSK_RB 50/0_ch. 20300/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.46 W/kg

Rear/QPSK_RB 50/0_ch. 20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.854 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

LTE Band 5_Ant. C

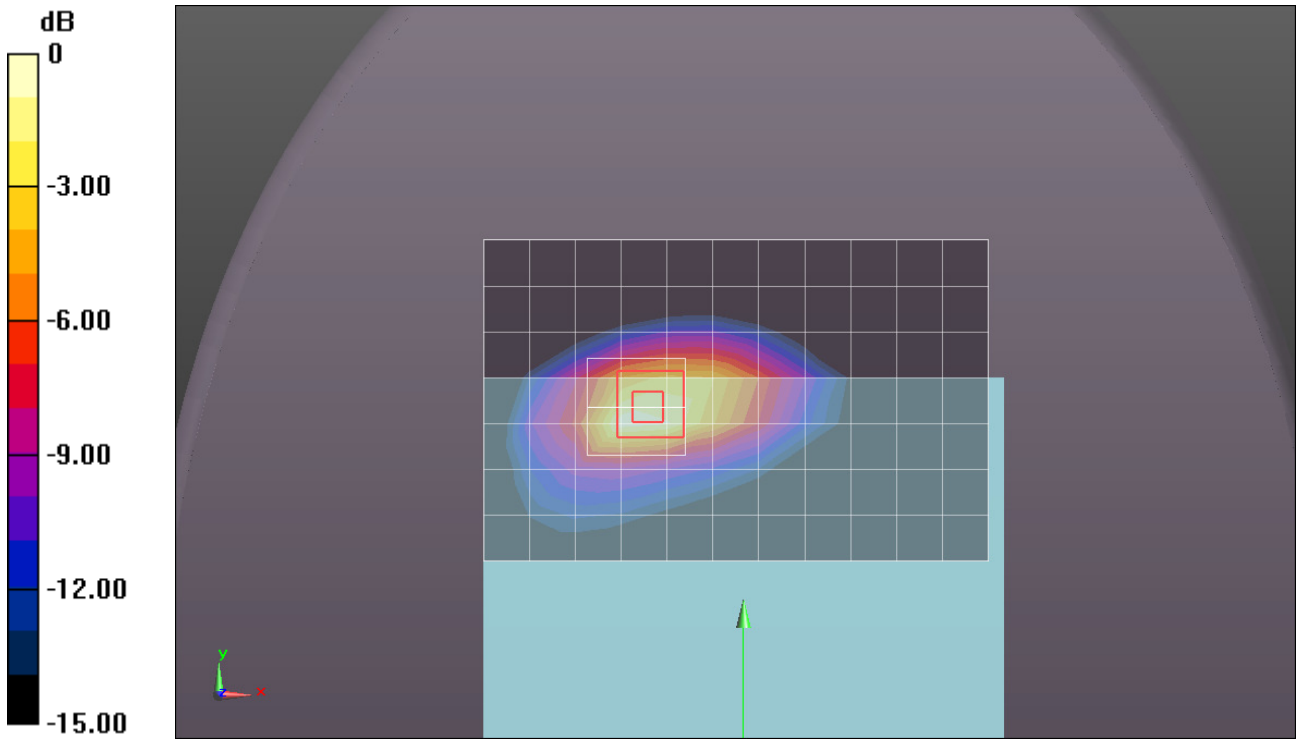
Frequency: 829 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 829 MHz; σ = 1.008 S/m; ε_r = 53.438; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2015
- Probe: EX3DV4 - SN3751; ConvF(8.7, 8.7, 8.7); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/QPSK_RB 1/25_ch. 20450/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.29 W/kg

Rear/QPSK_RB 1/25_ch. 20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.60 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.470 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.39 W/kg



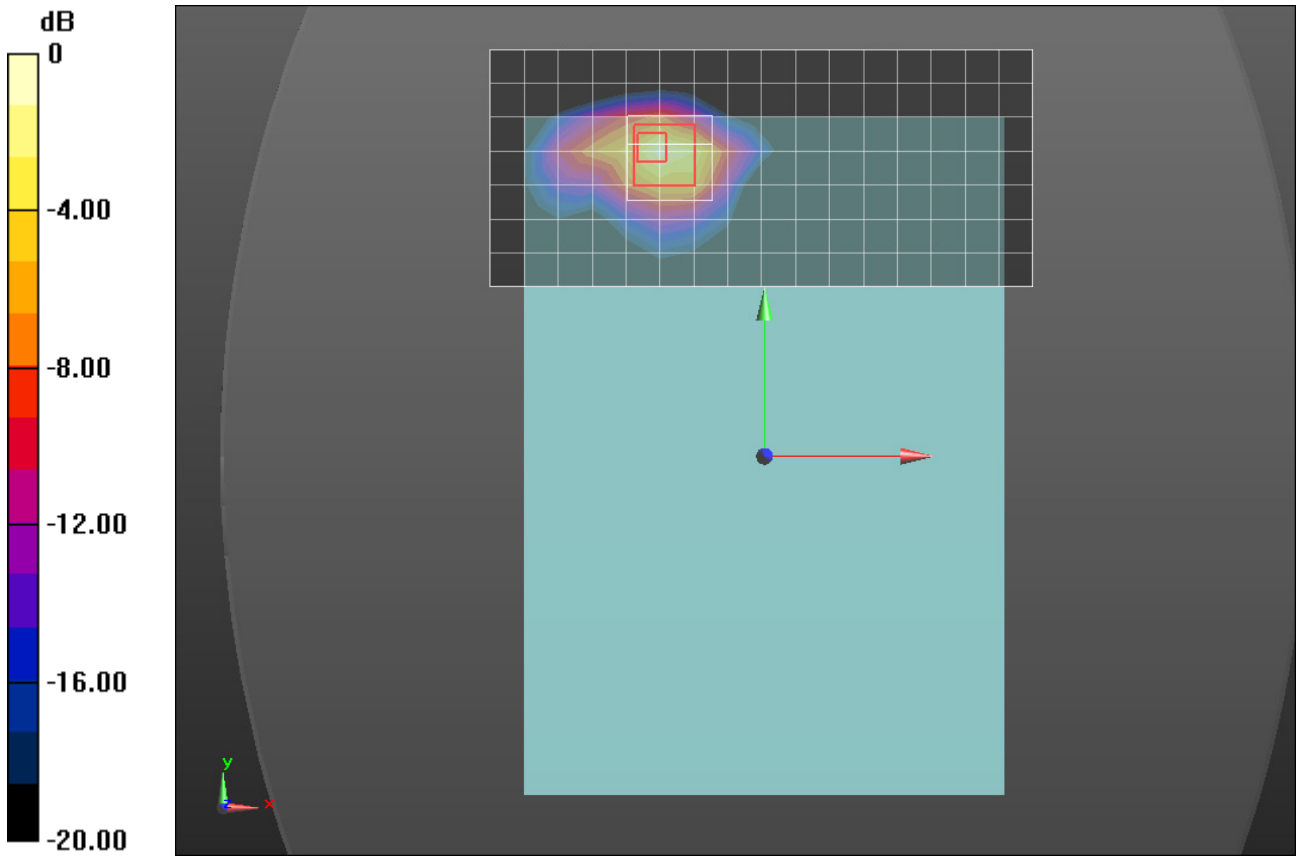
0 dB = 1.39 W/kg = 1.43 dBW/kg

LTE Band 7_Ant. C

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; σ = 2.153 S/m; ε_r = 51.619; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(7, 7, 7); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/QPSK_RB 1/49_ch. 21100/Area Scan (17x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.43 W/kg

Rear/QPSK_RB 1/49_ch. 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.09 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

LTE Band 12_Ant. D

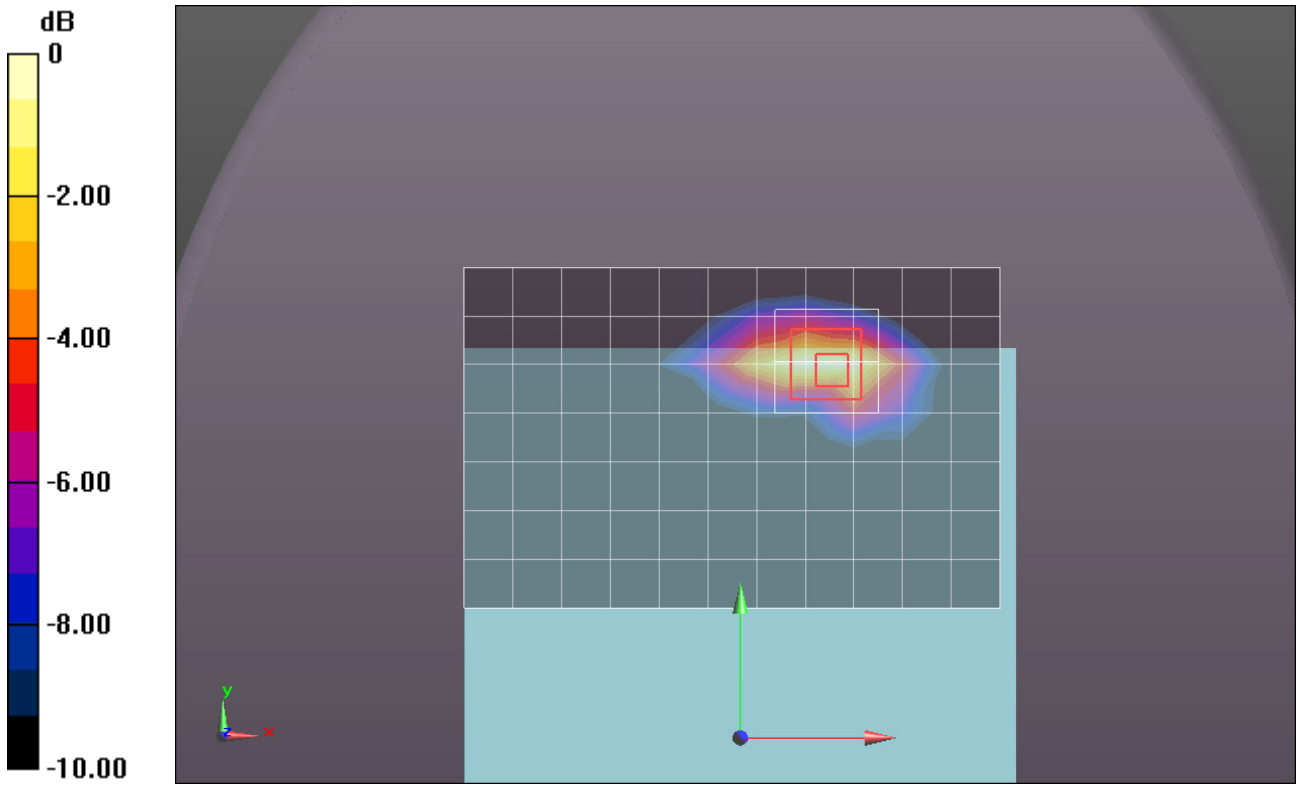
Frequency: 704 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 704 MHz; σ = 0.928 S/m; ε_r = 54.62; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3686; ConvF(8.99, 8.99, 8.99); Calibrated: 8/28/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/QPSK_RB 25/12_ch. 23060/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.34 W/kg

Rear/QPSK_RB 25/12_ch. 23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.051 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.496 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

LTE Band 13_Ant. C

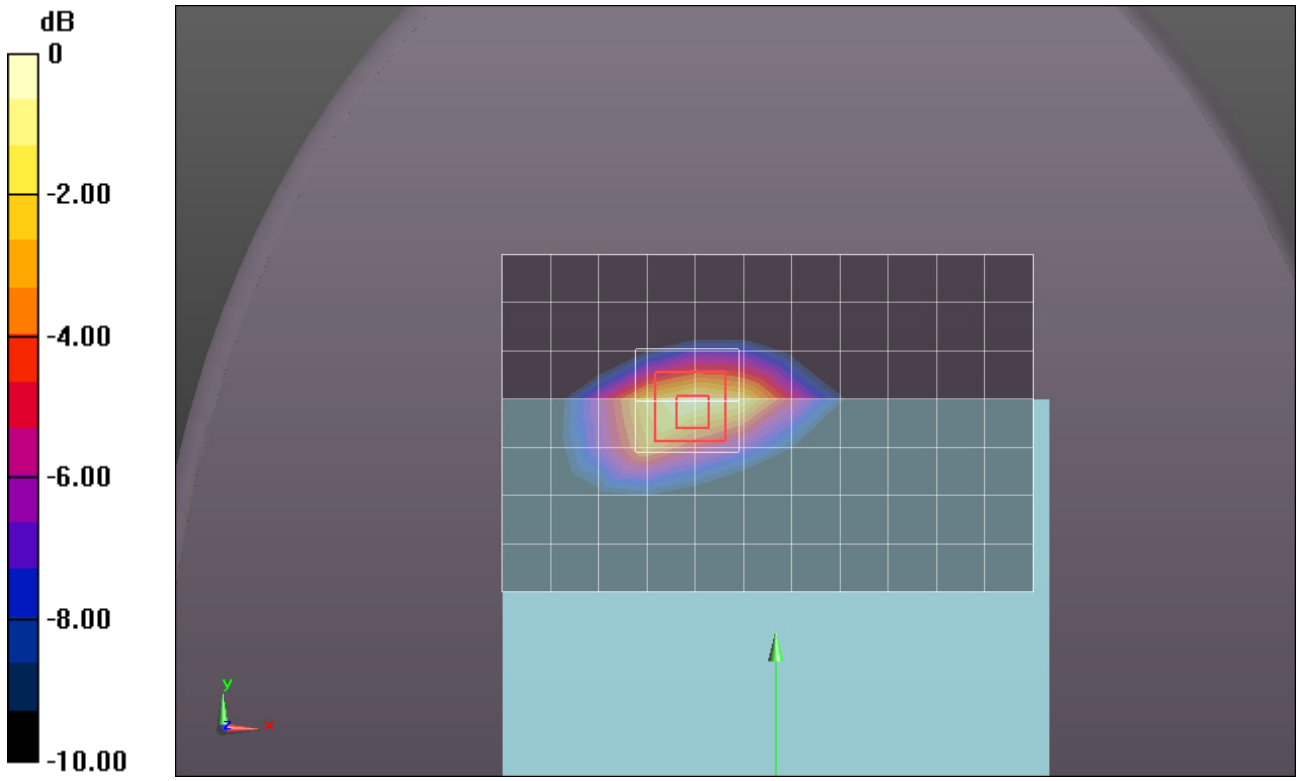
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 1 S/m; ε_r = 54.785; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3686; ConvF(8.99, 8.99, 8.99); Calibrated: 8/28/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/QPSK_RB 1/25_ch. 23230/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.996 W/kg

Rear/QPSK_RB 1/25_ch. 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.226 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.433 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 W/kg



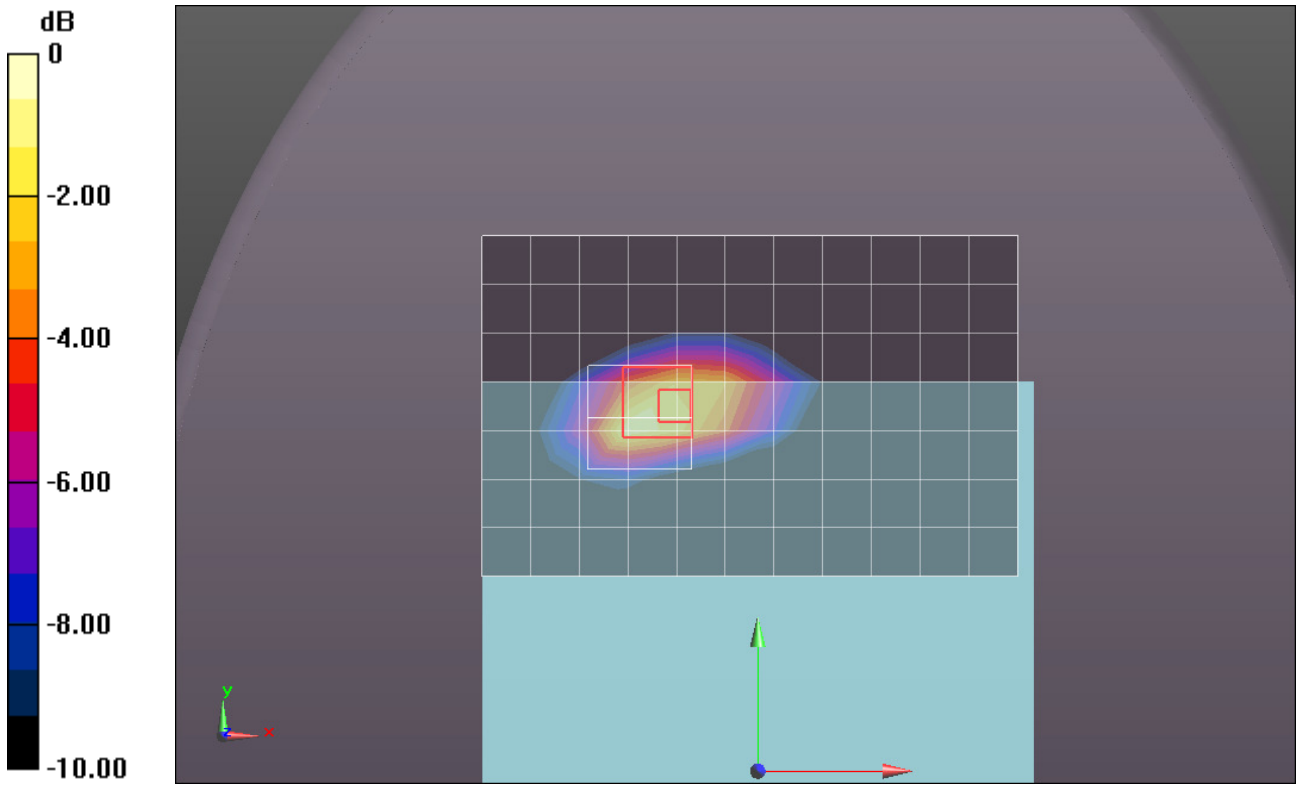
0 dB = 1.07 W/kg = 0.29 dBW/kg

LTE Band 17_Ant. C

Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 710 MHz; σ = 0.935 S/m; ε_r = 54.594; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3686; ConvF(8.99, 8.99, 8.99); Calibrated: 8/28/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Rear/QPSK_RB 50/0_ch. 23790/Area Scan (12x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.14 W/kg

Rear/QPSK_RB 50/0_ch. 23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.693 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.487 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

LTE Band 25_Ant. D

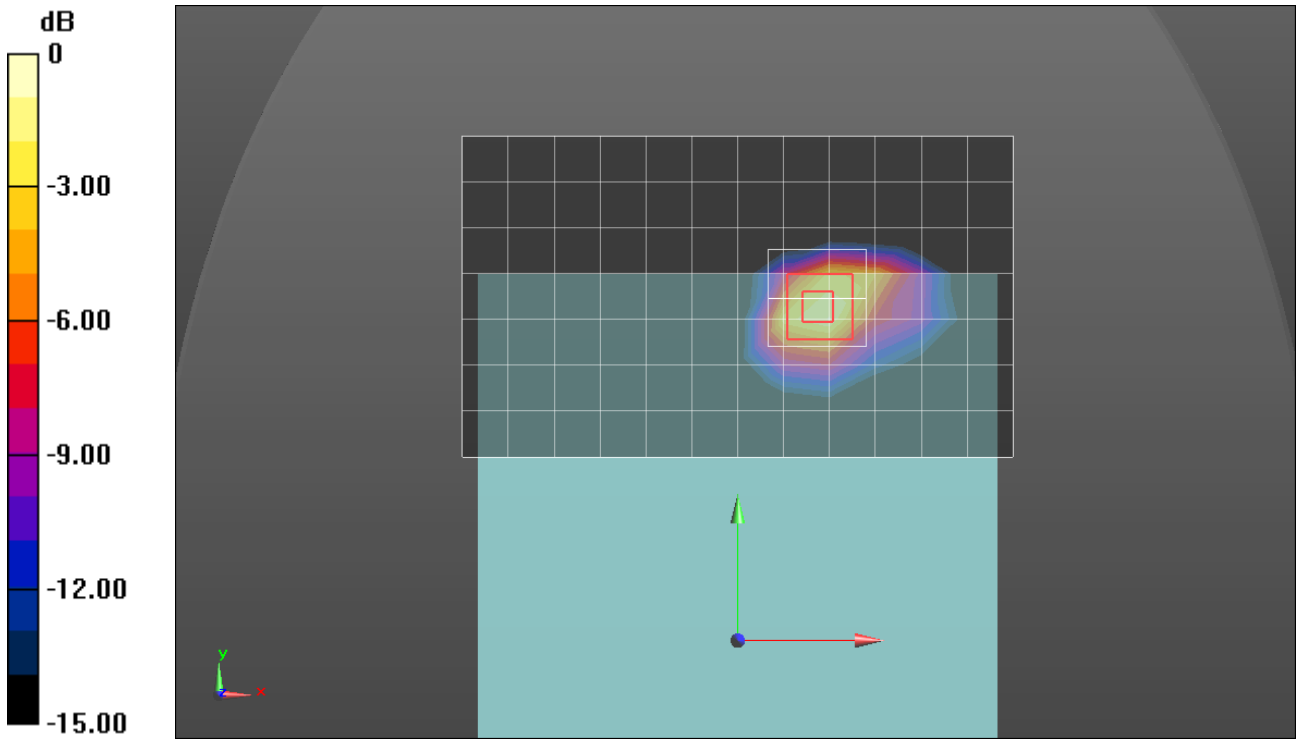
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.562 S/m; ε_r = 51.55; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3991; ConvF(7.73, 7.73, 7.73); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

Rear/QPSK_RB 100/0_ch. 26365/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 W/kg

Rear/QPSK_RB 100/0_ch. 26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.97 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.42 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.533 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

LTE Band 26_Ant. C

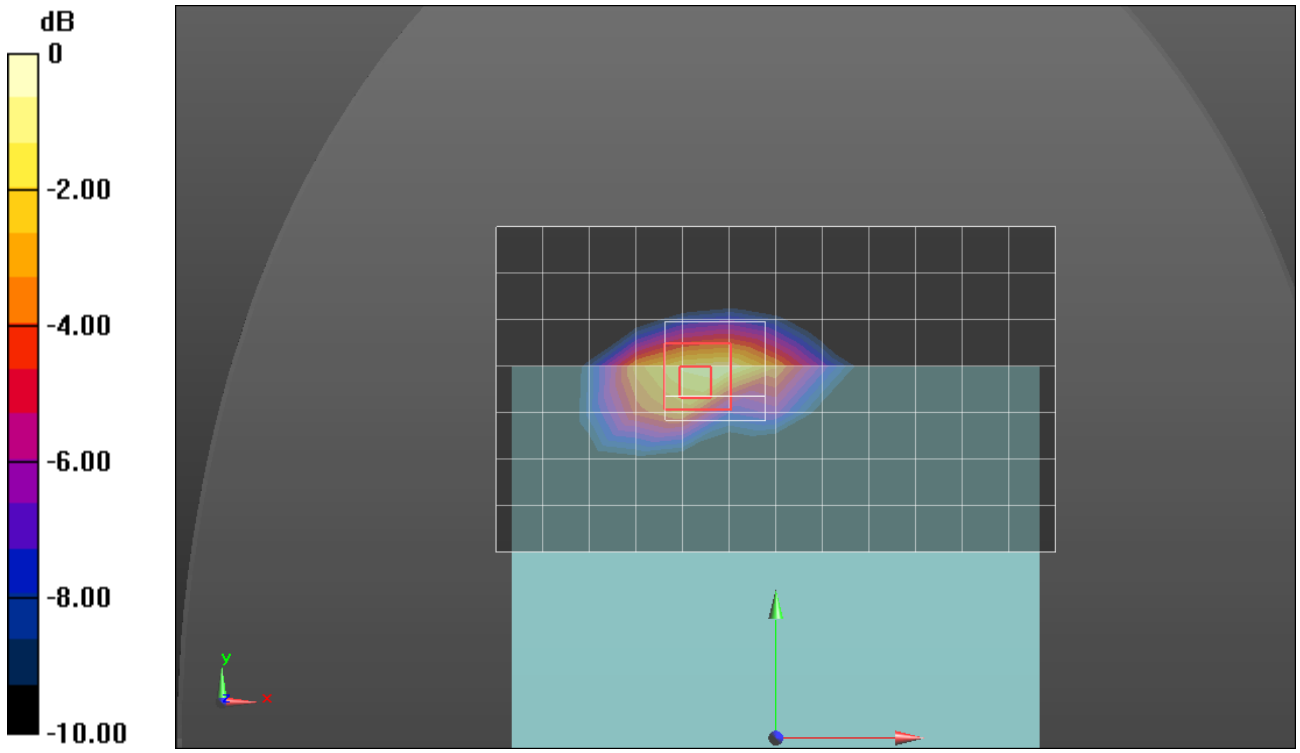
Frequency: 819 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 819 MHz; σ = 0.991 S/m; ε_r = 53.427; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/5/2015
- Probe: EX3DV4 - SN7335; ConvF(9.51, 9.51, 9.51); Calibrated: 3/13/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Rear/QPSK_RB 1/24_ch. 26740/Area Scan (13x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.29 W/kg

Rear/QPSK_RB 1/24_ch. 26740/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.339 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.596 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

LTE Band 27_Ant. C

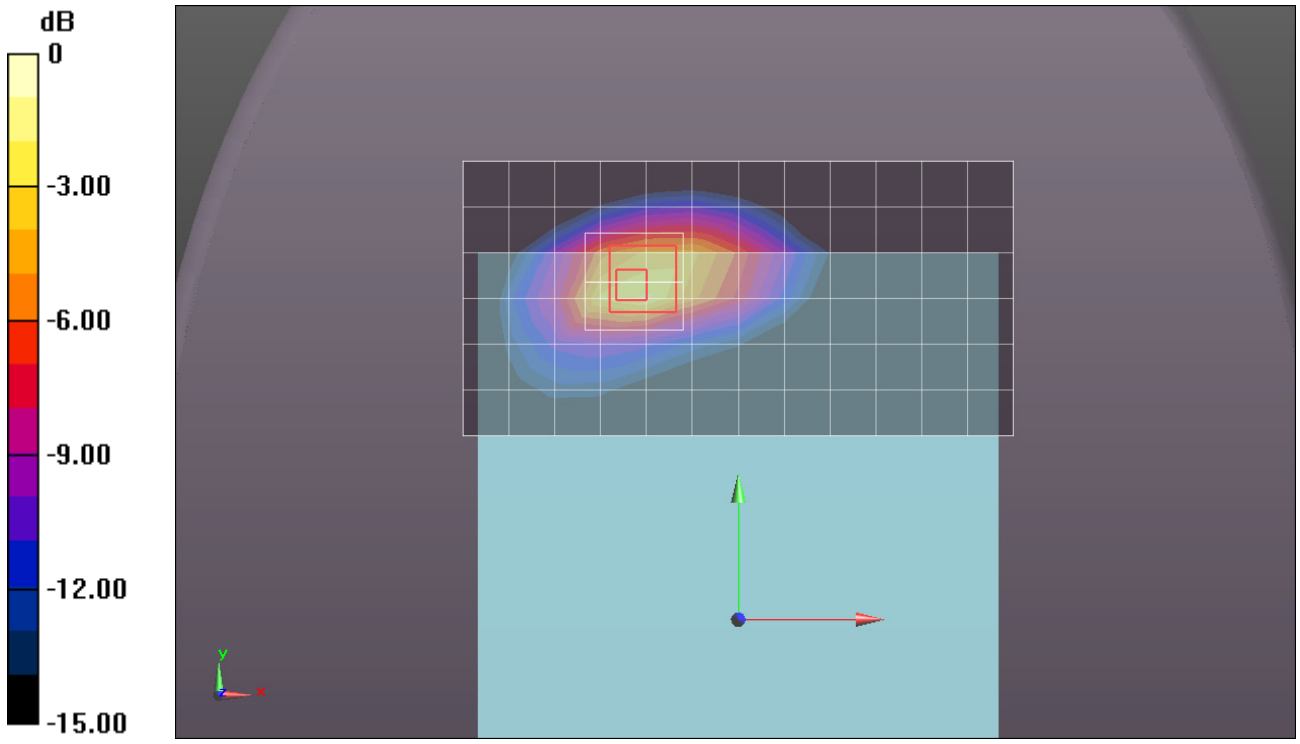
Frequency: 815.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 815.5 MHz; σ = 0.982 S/m; ε_r = 54.052; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2015
- Probe: EX3DV4 - SN3751; ConvF(8.7, 8.7, 8.7); Calibrated: 11/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/QPSK_RB 50/0_ch. 27125/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.978 W/kg

Rear/QPSK_RB 50/0_ch. 27125/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.97 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.485 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

LTE Band 30_Ant. D

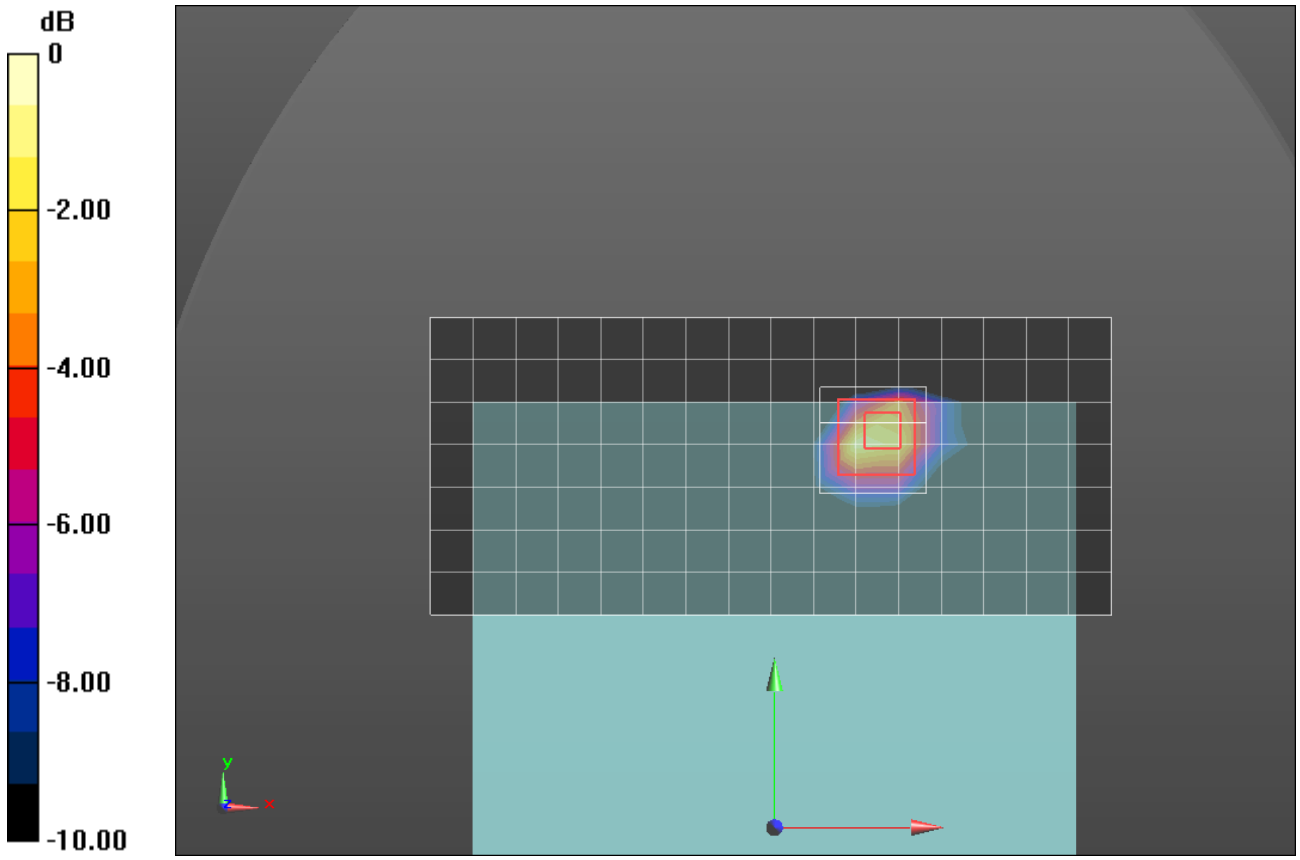
Frequency: 2310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2310 MHz; σ = 1.867 S/m; ε_r = 52.505; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(7.3, 7.3, 7.3); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/QPSK_RB 1/24_ch. 27710/Area Scan (17x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.47 W/kg

Rear/QPSK_RB 1/24_ch. 27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.48 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.72 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

LTE Band 41_Ant. D

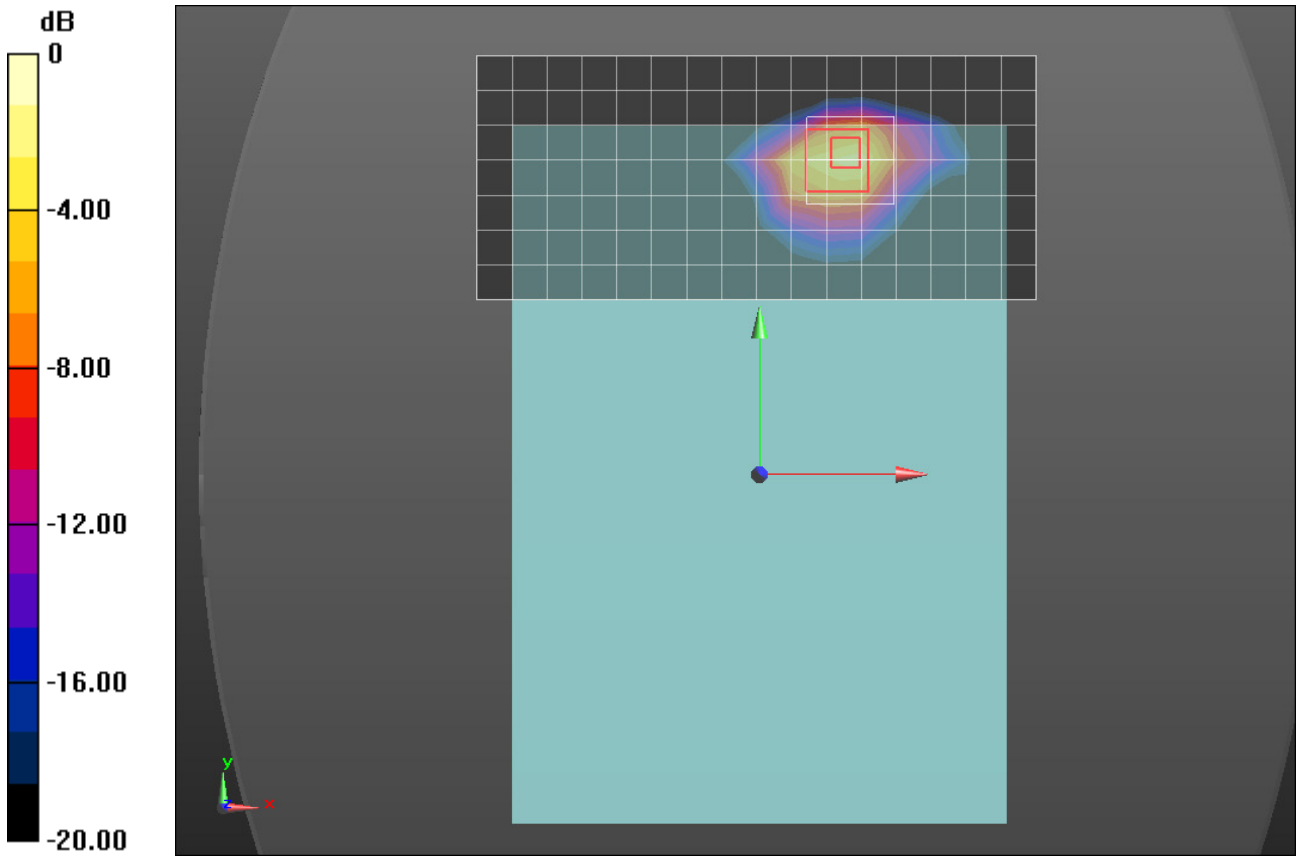
Frequency: 2549.5 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2550 MHz; σ = 2.17 S/m; ε_r = 51.563; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(7, 7, 7); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/QPSK_RB 50/24_ch. 40185/Area Scan (17x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.29 W/kg

Rear/QPSK_RB 50/24_ch. 40185/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.36 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.439 W/kg
Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.87 W/kg = 2.72 dBW/kg

Wi-Fi 2.4GHz_Ant. D

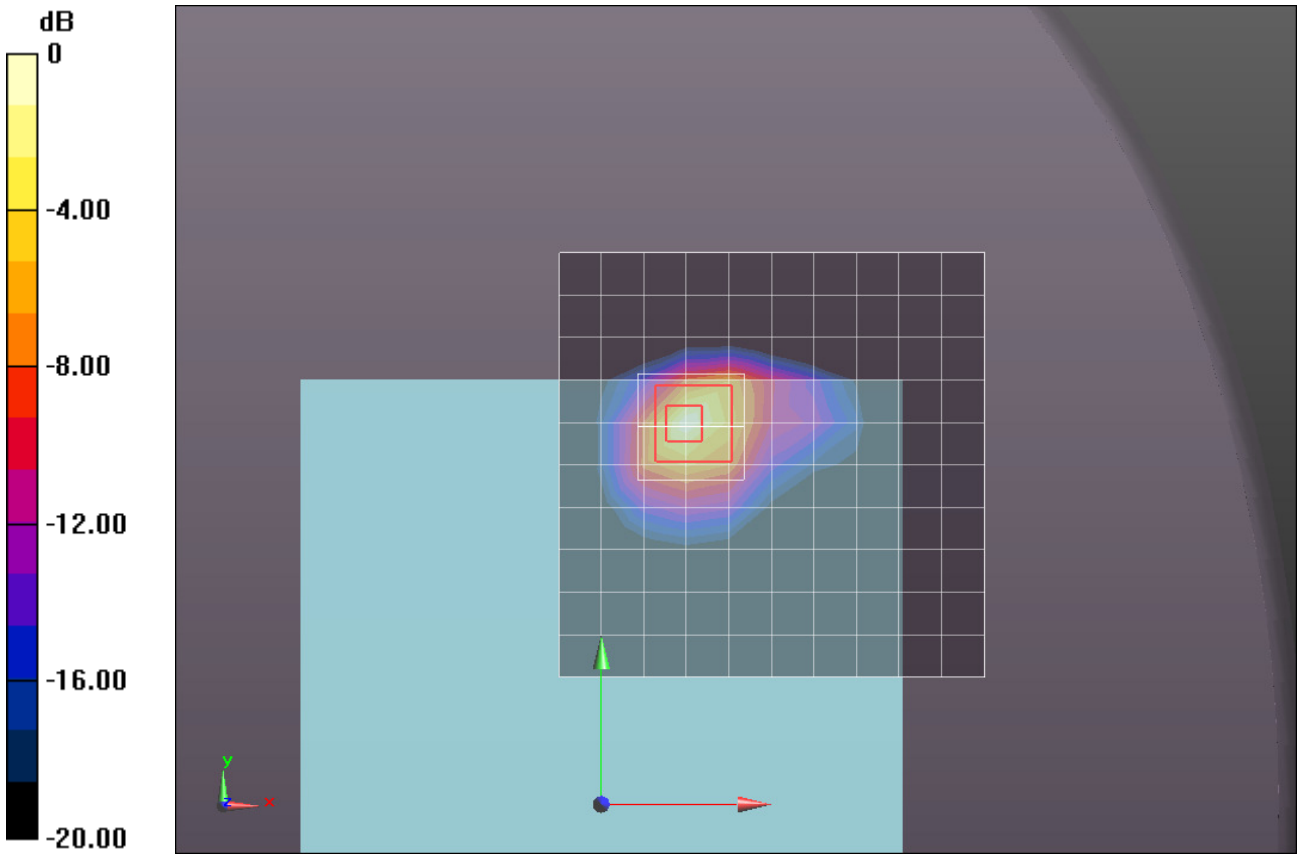
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.016 S/m; ε_r = 50.862; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/18/2015
- Probe: EX3DV4 - SN3929; ConvF(7.01, 7.01, 7.01); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/802.11b_Ch. 6/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.67 W/kg

Rear/802.11b_Ch. 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.47 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.92 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.405 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.66 W/kg



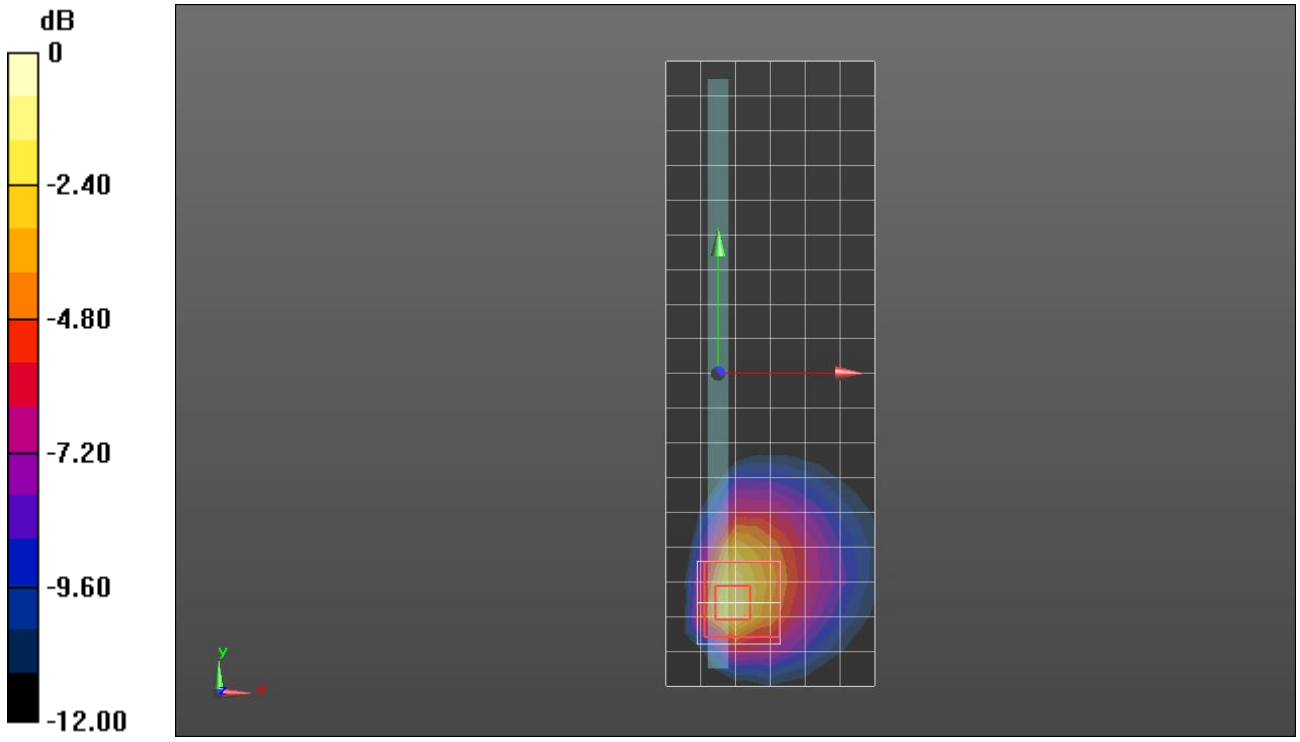
0 dB = 1.66 W/kg = 2.20 dBW/kg

Wi-Fi 5.3 GHz_Ant. B

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5270 MHz; σ = 5.482 S/m; ε_r = 48.342; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2015
- Probe: EX3DV4 - SN3751; ConvF(4.03, 4.03, 4.03); Calibrated: 11/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 3/802.11n HT40_Ch 54/Area Scan (7x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.53 W/kg

Edge 3/802.11n HT40_Ch 54/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.57 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 4.04 W/kg
SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 1.90 W/kg



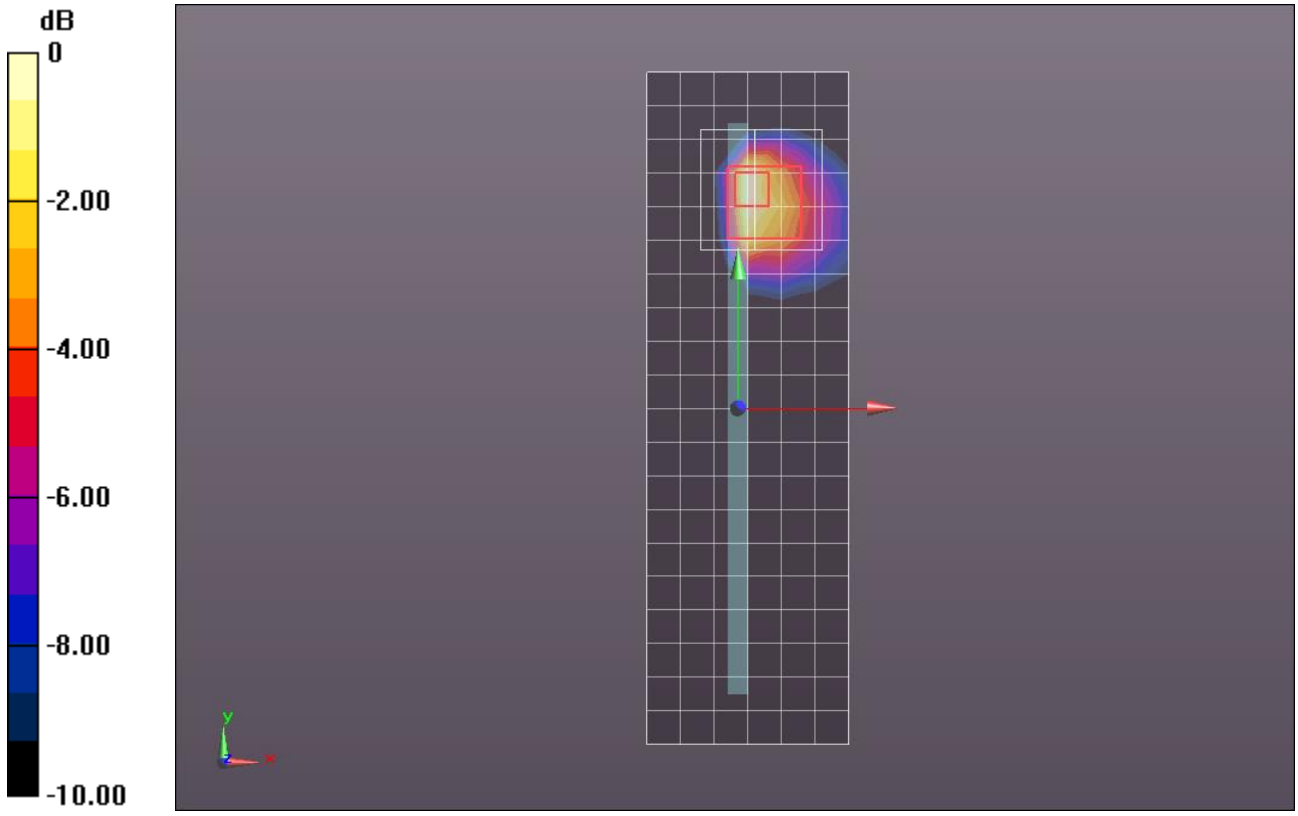
0 dB = 1.90 W/kg = 2.79 dBW/kg

Wi-Fi 5.5 GHz_Ant. A

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5610 MHz; σ = 5.955 S/m; ε_r = 48.132; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/13/2015
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/21/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 3/802.11ac VHT80_Ch 122/Area Scan (7x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.88 W/kg

Edge 3/802.11ac VHT80_Ch 122/Zoom Scan (10x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.415 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.00 W/kg
SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.323 W/kg
Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

Wi-Fi 5.8 GHz_Ant. B

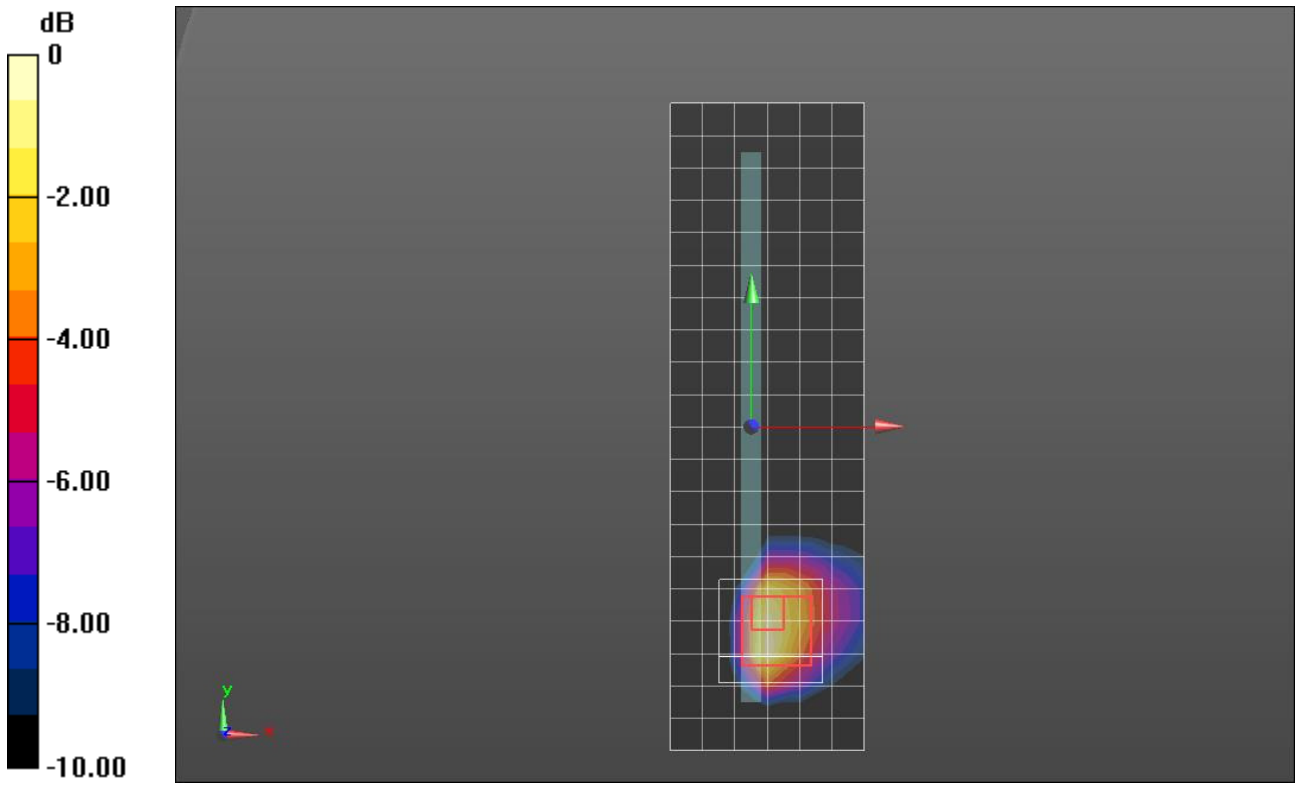
Frequency: 5805 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5805 MHz; σ = 6.227 S/m; ε_r = 48.363; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3686; ConvF(3.92, 3.92, 3.92); Calibrated: 8/28/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Edge 3/802.11a_Ch 161/Area Scan (7x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.88 W/kg

Edge 3/802.11a_Ch 161/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.566 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 4.44 W/kg
SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 1.94 W/kg



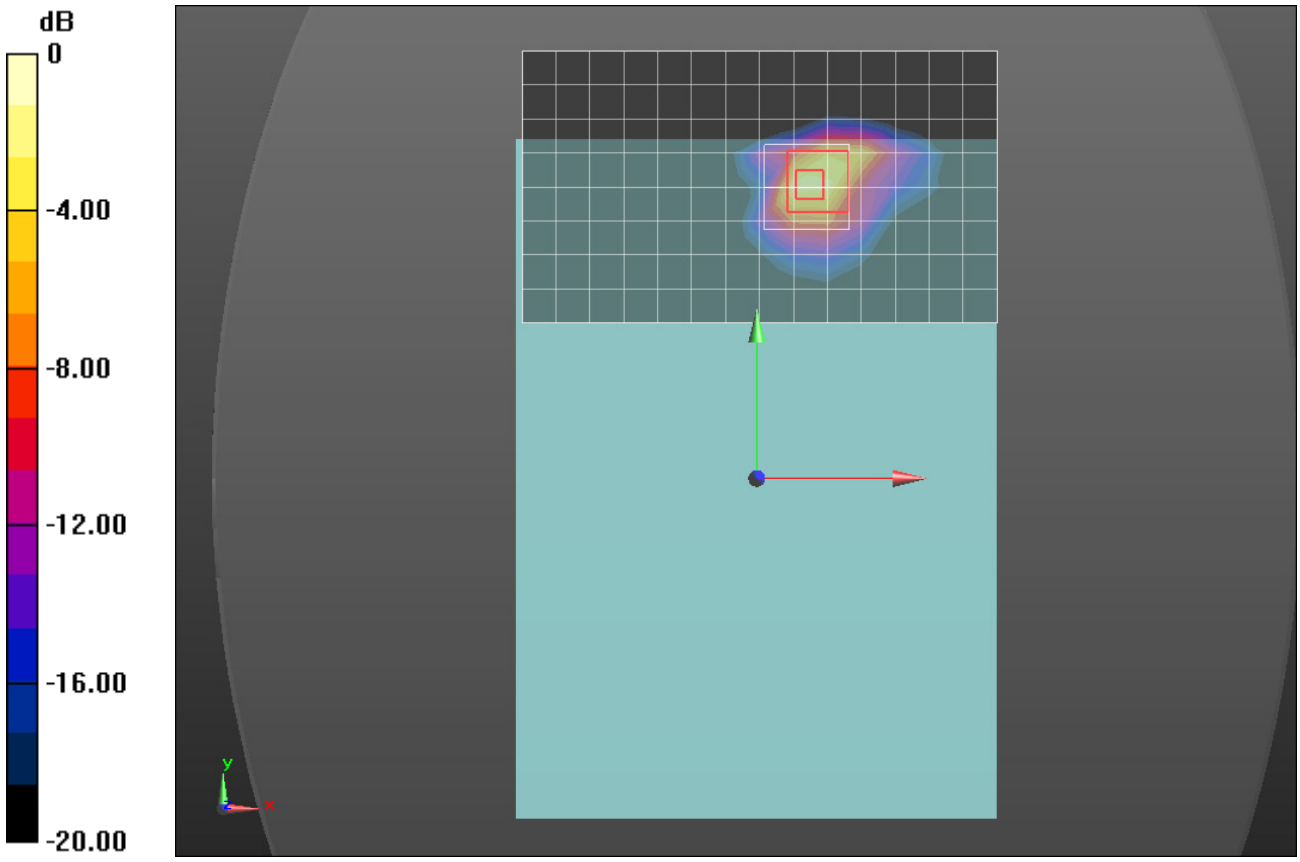
0 dB = 1.94 W/kg = 2.88 dBW/kg

Bluetooth_Ant. D

Frequency: 2480 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2480 MHz; σ = 2.039 S/m; ε_r = 50.725; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3773; ConvF(6.66, 6.66, 6.66); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/GFSK_ch. 78_High Power/Area Scan (15x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.16 W/kg

Rear/GFSK_ch. 78_High Power/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.81 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.413 W/kg
Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg